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DEPARTMENT OF CIVIL ENGINEERING

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JNANA BHARATHI
BANGALORE - 560 056

BUB/CTE/2022-23/GRANITE-1

Date: 02-03-2023.

Sub: Testing of Granite Stone Slab Sample (30mm) to be used for name board.
{Project*: Package No.03, Providing Grill Fencing and other Development Works at Sardara Vallabai Patel Park, Sangolli Rayanna Park, Ambedkar Park and Providing Gym & Children Play Equipments to Various Parks in Yelahanka Assembly Constituency under Amrutha Nagarothana Grants}

Ref.: Letter No. Testing/BUB/2022-23, dated 28-02-2023.

Sample supplied to lab by: Sri.Gopireddy Class 1 Contractor, Banglaore.

Report required for: Assistant Executive Engineer,
Yelahanka Project Sub-Division,
Bhruhat Bangalore Mahanagara Palike (BBMP), Bangalore.

Technical reference: IS:1121 & IS:14223, Part-1:1995

TEST REPORT ON GRANITE STONE SAMPLE

TABLE 1:

TABLE 1: TEST RESULTS

SL No	Test conducted	Test Results	Requirements as per IS:14223, Part-1:1995, Table.1	Reference
1	Thickness of stone slab	**30.0mm**	30.0 mm, min	As per Specification
2	Dry Density	**2.646 g/cc**	2.60- 2.68	--
3	Water Absorption	**0.34%**	0.50, max	IS:14223(Part I):1995
4	Specific Gravity	**2.76**	2.75, min	IS 9143 – 1979
5	Moisture Content	**0.04%**	0.15, max	IS 13030 - 1991
6	Tensile strength	**146.9 Kg/cm^2**	90kg/cm^2, min	IS 13365 (Part 1) - 1998
7	Moh's Hardness	**6.5 on a scale of 10**	6-7	

*As furnished by Client.

The Results relate only to the items tested

Asst. Executive Engineer
Project Division
Yelahanka Zone
BBMP, Bangalore - 92

DEPT OF CIVIL ENGINEERING BANGALORE UNIVERSITY

2/3/2023

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